

# ESECUBIT User Manual (v2.0)

Shenzhen Excelsecu Data Technology Co., Ltd.

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## Thank You for Using ESECUBIT Product

### **IMPORTANT INSTRUCTIONS**

Please read this manual before operating your ESECUBIT and keep it for future reference.

#### **1. Getting Started With ESECUBIT**

Please check ESECUBIT's battery level before using it. If it is in a low-power state, please charge it first. The charging time is 2 hours.

#### **2. Caution**

- Keep ESECUBIT away from flammable sources.
- ESECUBIT is internally powered by a lithium battery. Unauthorized disassembly of product parts is prohibited.
- When using and storing ESECUBIT, keep away from high temperature, high heat, and high pressure. Otherwise, it may cause battery overheating, fire, or product function failure, life shorten and other safety hazards and product failures.
- When not in use for a long time, please charge the battery in a half grid state and charge it at least one time every six months. The charging time is 2 hours.

#### **3. Important Security Instructions**

##### **3.1. Recovery Phrases**

The recovery phrases are 12 or 18 or 24 random English words generated and retained only on your ESECUBIT when you set it the first time.

In case of damage or loss of your ESECUBIT, you can recover your asset on a new ESECUBIT with your recovery phrases.

Write down your recovery phrases on paper and store it secretly and safely.

Be aware that anyone with access to your recovery phrases can create a clone of your device.

Never make any digital copy of your recovery phrases and never upload it onto online services.

##### **3.2. PIN**

The PIN protects your device from unauthorized use. It is a 6-16 digits PIN that you must enter before using the device. If enter invalid PIN 10 times, the device will reset itself to factory condition, wiping your recovery phrases. You will need to restore your wallet using the recovery phrases you stored before.

## 4. Product Picture



## 5. How to use ESECUBIT

### 5.1. Setup ESECUBIT

#### 5.1.1. Power On

ESECUBIT can work in USB Mode or Bluetooth Mode.

Connect ESECUBIT to PC with USB cable to enter the USB mode or long press the power button



to power on and enter the BLE mode.

#### 5.1.2. Set PIN Code

Enter a PIN code with 6 to 16 digits long.

This code will be requested each time you start your ESECUBIT.

#### 5.1.3. Create or Restore a Wallet

After setting PIN code, you can choose to create a new wallet or restore a wallet with your recovery phrases.

##### ➔ New wallet

The device will generate a new seed, you can backup your seed with a 12-word or 18-word or 24-word recovery phrases. The words will display one by one on the screen, write down the words, then the words will display again for you to make sure you have written down the correct words. Be careful, these words will not display again after you have confirmed.

When the screen displays 'Your wallet is now ready', it is ready for use.

##### ➔ Recovery

Import existing recovery phrases to restore a wallet, you can enter the words one by one using the keypad on ESECUBIT, then it will generate the seed.

When the screen displays 'Your wallet is now ready', it is ready for use.

#### 5.1.4. ESECUBIT Function Menu

Long press the OK button for 2 seconds to enter the function menu.

- Address: display the address of receiving BTC or ETH.
- Change PIN: change PIN.
- Auto-Lock: in USB mode, you can set the automatic lock time.

- Reset wallet: reset your wallet to factory settings.
- About: view version information.

#### → Address

A BTC address and an ETH address will be set after the wallet is created successfully. You can display the address or QR code on the device to receive BTC or ETH.

#### → Change PIN

To change the PIN code of the ESECUBIT.

#### → Auto-Lock

To set a time while using the ESECUBIT in USB Mode, the wallet will automatically lock itself if there isn't any operation in the limit time.

Enter the PIN code to unlock the wallet.

Note:

In Bluetooth mode, ESECUBIT will sleep when there is no operation in 1 minute and can be activated by pressing any button. If there is no operation within 5 minutes, it will automatically shut down.

#### → Reset wallet

Reset wallet to factory settings, it will wipe your recovery phrases. You will need to restore your wallet using the stored recovery phrases or create a new wallet.

#### → About

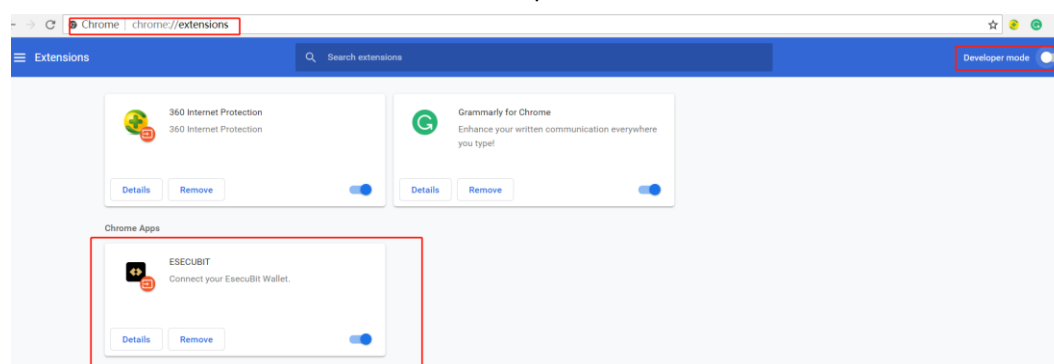
You can view the version information of the firmware.

## 5.2. PC Client Application

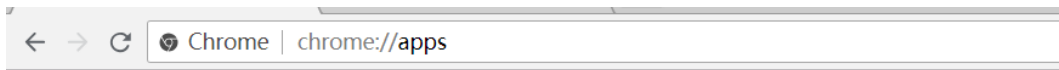
The hardware wallet needs to be used with a PC-side application or a mobile-side application. This chapter describes how to use the hardware wallet with a PC-side application.

### 5.2.1. Install PC Client Application

1. Open [esecubit.com](https://esecubit.com), download ESECUBIT Chrome-app which is .crx file.
2. Open <chrome://extensions/> with your chrome browser, enable the Developer mode, drag the .crx file to this page, and click Add app.  
Note: If you use Chrome browsers with version 67 or below, you can drag the .crx file directly to the website without enabling the developer mode.
3. 'ESECUBIT' is added and close the Developer mode.



4. Open <chrome://apps/> with your chrome browser, click the app to start it.



Web Store



ESECUBIT

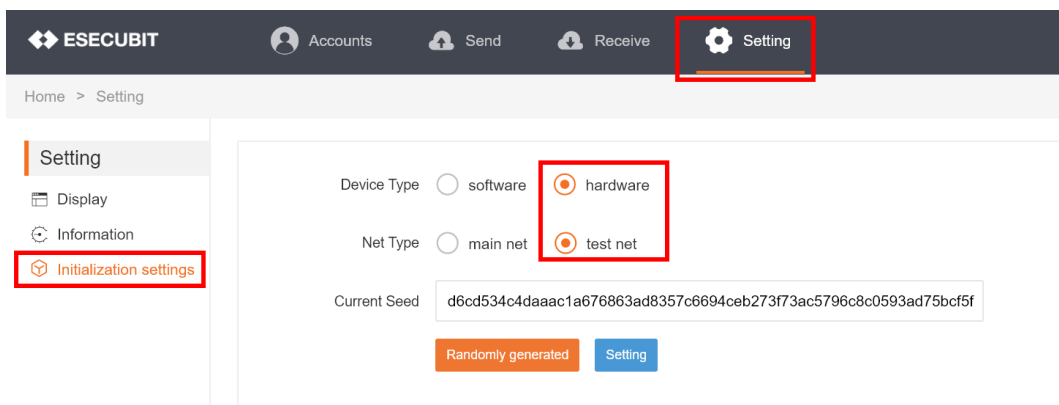
### 5.2.2. Initialization Setting

PC Client demo supports main net (formal net) and test net for BTC and ETH. The default setting is software and test net, you should set it to hardware for the first time.

**Note:**

- The PC application is in an inner test, not in the formal issue state, formal version only supports main net and hardware.
- We suggest you use the test net for transaction test, if you use the main net, not to send big cryptocurrency.

Open PC application -> Setting -> Initialization settings -> Set Device Type and Net Type -> Reload the app -> Connect ESECUBIT to your PC with USB cable



### 5.2.3. Send Cryptocurrency

Send -> Input the account, amount, and address -> Click Send to sign the transaction -> Input your PIN in your hardware wallet and double check the amount and address -> Press OK to confirm and broadcast the transaction.

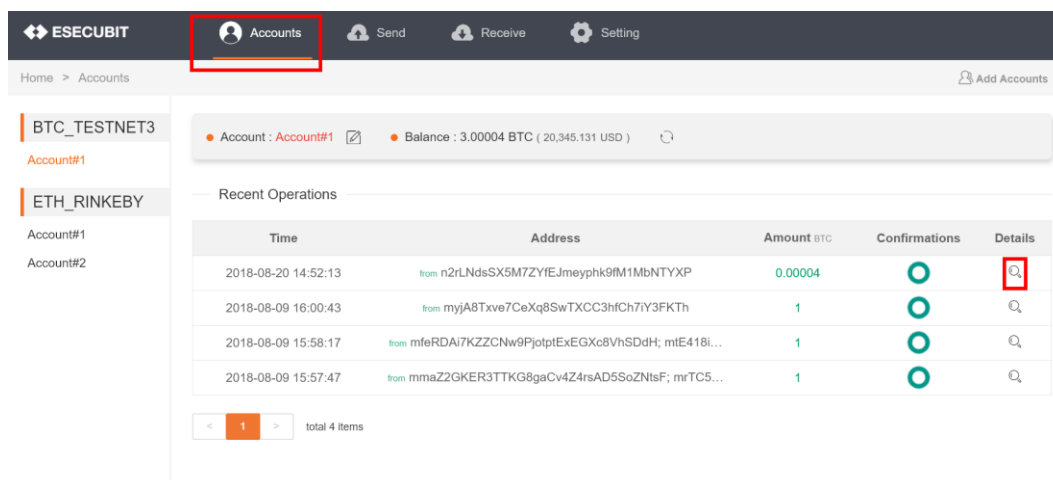
Receive -> Click Generate Address -> Generate Address and QR -> Use it to receive cryptocurrency.

- The address displayed in the hardware wallet is inconsistent with that generated in app if you choose the test net. The address displayed in the hardware wallet is test address which transformed from formal address generated by app.
- Scanning QR makes the transaction more convenient.











### 5.2.5. View Transaction History

Accounts -> View the assets and recent operations, click  to see more details.



The screenshot shows the ESECUBIT interface. At the top, there's a navigation bar with 'ESECUBIT', 'Accounts' (highlighted with a red box), 'Send', 'Receive', and 'Setting'. Below this, a breadcrumb trail shows 'Home > Accounts'. On the left, there's a sidebar with 'BTC\_TESTNET3' and 'ETH\_RINKEBY' sections, each containing 'Account#1' and 'Account#2'. The main area displays 'Account : Account#1' and 'Balance : 3.00004 BTC ( 20,345.131 USD )'. Below this, a 'Recent Operations' table is shown:

Time	Address	Amount BTC	Confirmations	Details
2018-08-20 14:52:13	from n2rLNdSx5M7ZYfEJmeyphk9fM1MbNTYXP	0.00004		
2018-08-09 16:00:43	from myjA8Txve7CeXq8SwTXCC3hfCh7Y3FKTh	1		
2018-08-09 15:58:17	from mfeRDAI7KZZCNw9PjotptExEGXc8VhSDdH; mtE418l...	1		
2018-08-09 15:57:47	from mmaZ2GKER3TTKG8gaCv4Z4rsAD5SoZNtsF; mrTC5...	1		

At the bottom of the table, there's a pagination control showing '< 1 >' and 'total 4 items'.

### 5.2.6. Add Accounts

PC application creates an account for each BTC and ETH account in default. You can implement multi-account management of the cryptocurrencies by 'Add Accounts' in the upper right corner.

## 5.3. Mobile Application

The hardware wallet needs to be used with a PC-side application or a mobile-side application. This chapter describes how to use the hardware wallet with a mobile-side application. Take Android as an example, operation on iOS is similar, and will not be described again.

### 5.3.1. Install Mobile Application

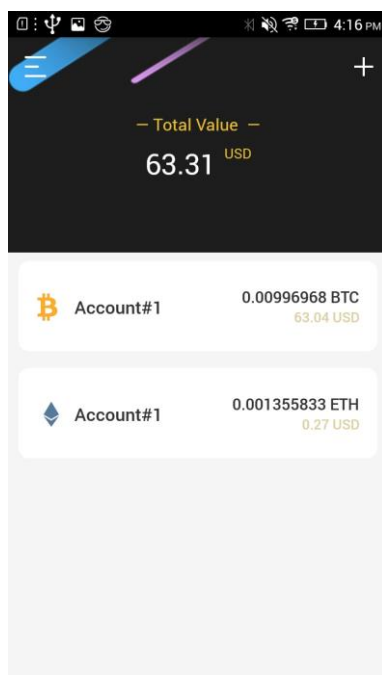
Open eSecubit.com, download and install an android application or iOS application.

### 5.3.2. Connect ESECUBIT

1. Long press the power button of ESECUBIT to power on, and enter the BLE mode.
2. Open wallet app.
3. Select SN: ES120000XXXX.
4. The ESECUBIT will display: Matching code: XXXX; Connecting; Please confirm.
5. Press the "OK" button on the wallet and the ESECUBIT will be connected.
6. Enter the app interface.

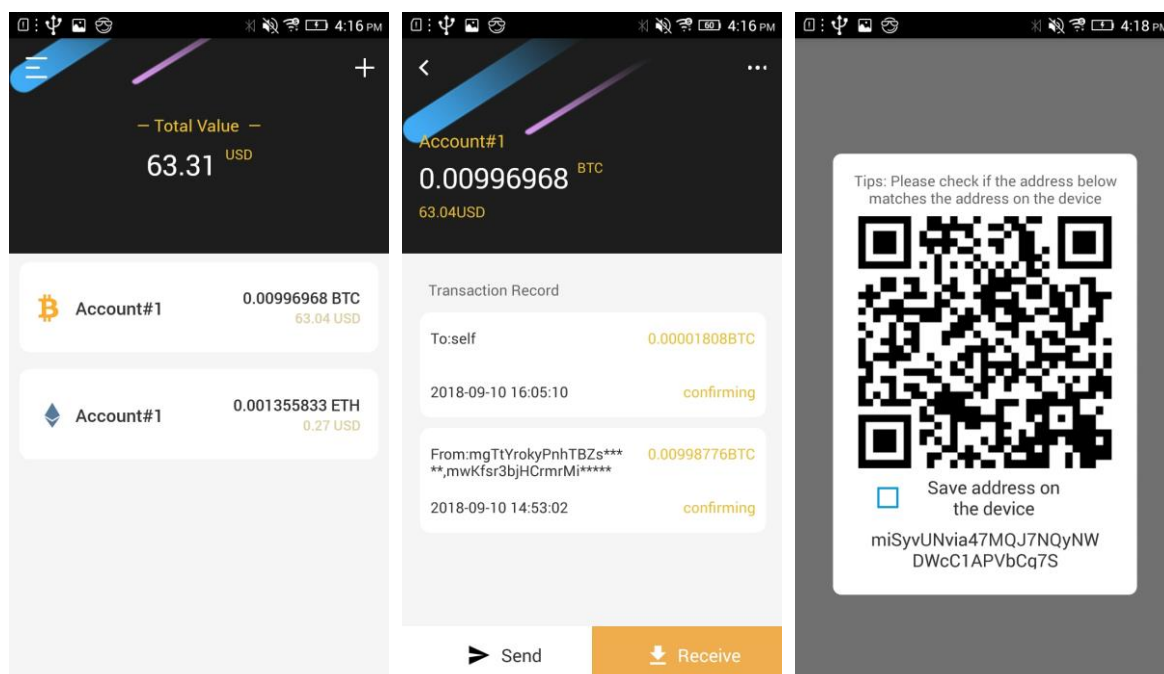
### 5.3.3. View Assets

After entering the wallet APP, you can see the assets under the various currencies.




#### 5.3.4. Receive Cryptocurrency

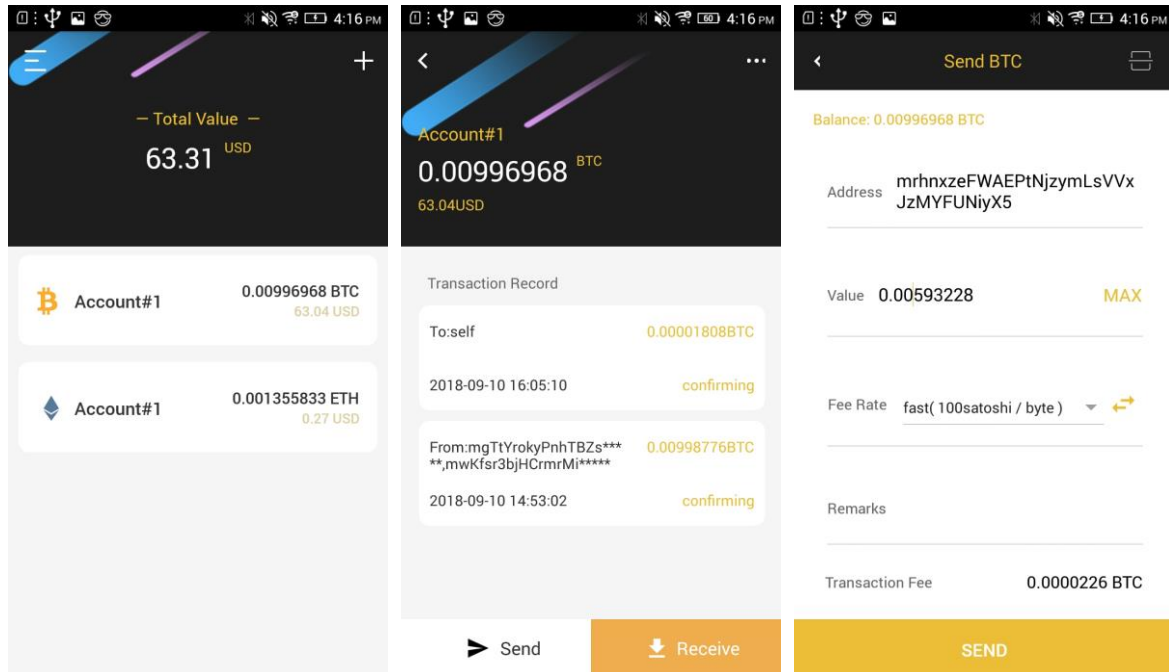
1. In the assets page, click the specified account to enter transaction records interface of the account.
2. Click "Receive", the app generates the receiving address and QR code of the receiving address used by the current account. Each address is used only for one transaction, it generates a new address for a new transaction.
3. Use the address to receive the cryptocurrency.




#### 5.3.5. Send Cryptocurrency

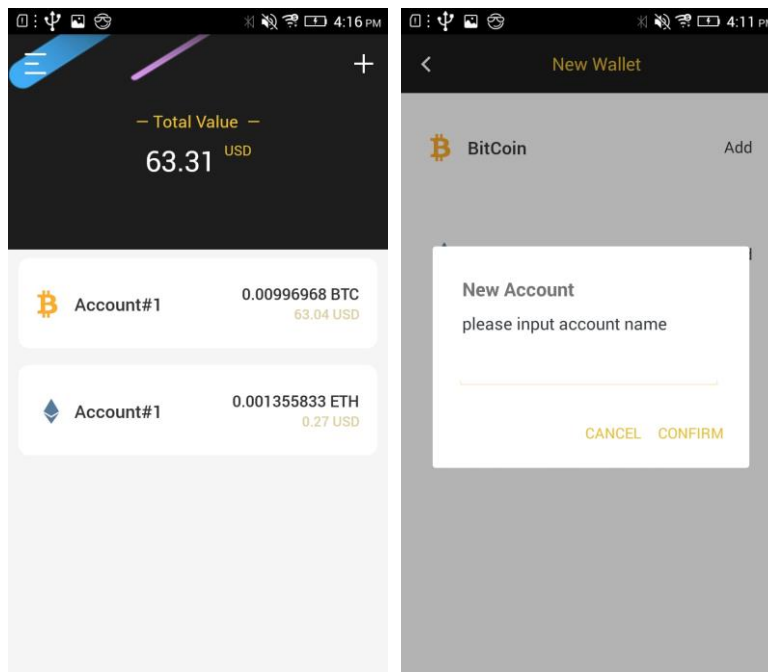
1. In the assets page, click the specified account to enter transaction records interface of the account.

2. Click 'Send', fill in the amount and address. You can use the  in the upper right to scan the QR.
3. Click send to sign the transaction.
4. Input your PIN in your hardware wallet and double check the amount and address
5. Press OK to confirm and broadcast the transaction.



### 5.3.6. Add Accounts


Click  in the upper right, select the currency type and click Add, fill in the account name and click CONFIRM to add a new account.

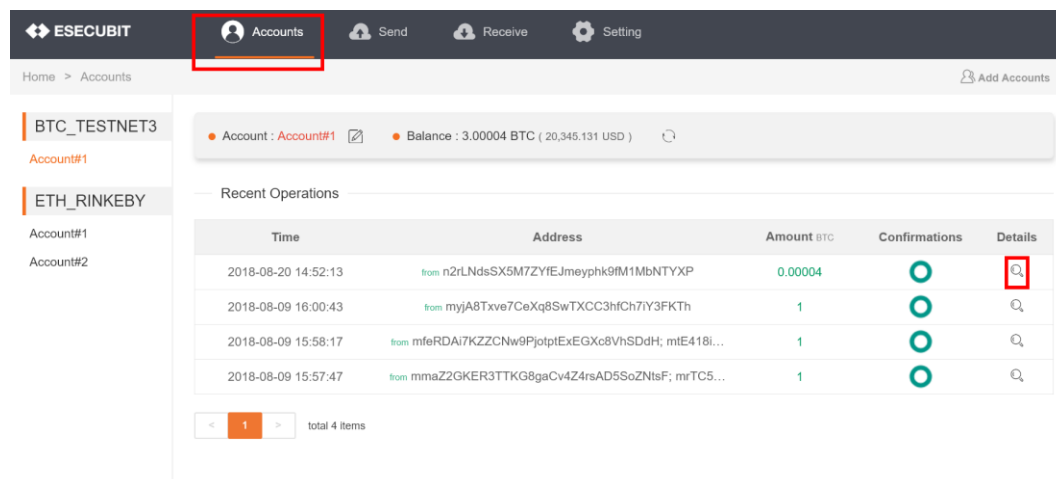


## 6. FAQ

### 1. How to view the transaction history.

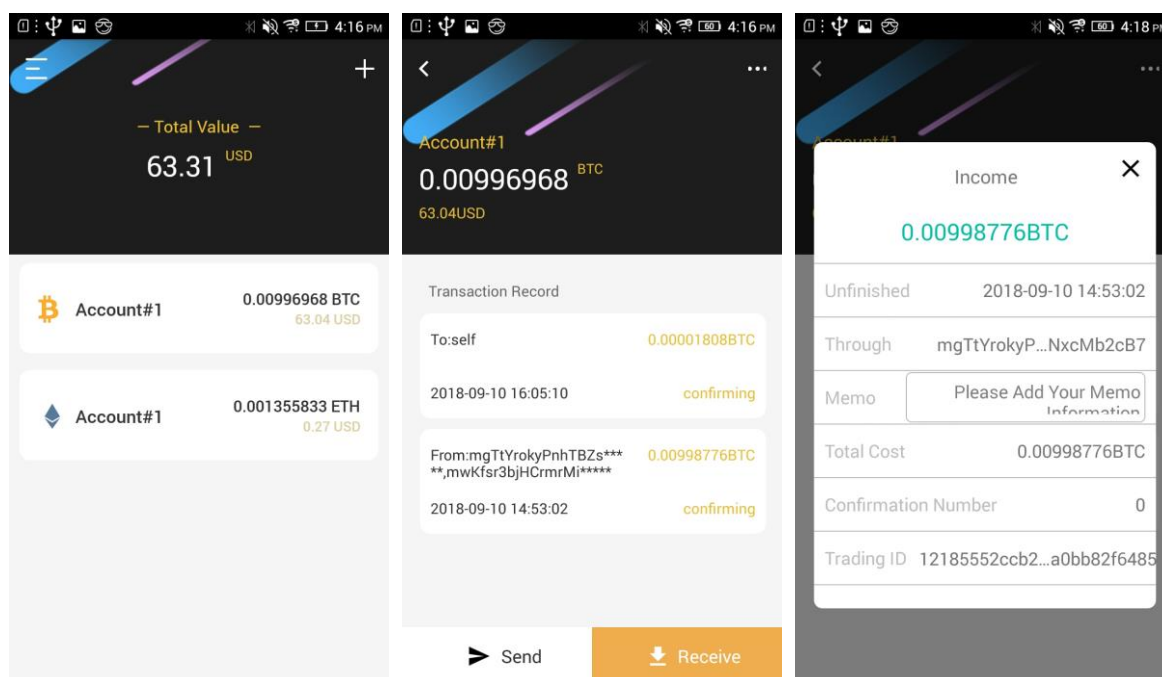
- Chrome app

Accounts -> in 'Recent Operations', click  to see more details.



- Andorid and iOS app

Open the app, select the account in the assets page to see the transaction histories. Click each record to see more details.



### 2. What if I forget my PIN code?

If you entered invalid PIN code for 10 times, the ESECUBIT will reset itself to factory condition, wiping your seed and your recovery phrases. You need to recover your wallet and your assets with the stored recovery phrases. So, backup your recovery phrases and save them safely. Never disclose them, never lose them.

### 3. What if I lost my ESECUBIT?

If you lost your ESECUBIT, you can buy another ESECUBIT, and use it to recover your wallet and

your assets with the stored recovery phrases. So, backup your recovery phrases and save them safely. Never disclose them, never lose them.

4. What is the difference between the ESECUBIT and an encrypted wallet stored on my computer?

An encrypted wallet stored on your computer is safe from malware and viruses if the password you chose for encryption was strong. However, once you attempt to decrypt your wallet to spend bitcoins your private keys are immediately exposed. With ESECUBIT, your private keys are protected from malware and viruses, and you can also safely make transactions without exposing its private keys.

**FCC STATEMENT :**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

**Warning:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**RF warning statement:**

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.